

Claims:

1. A dosage form in film form for surface administration of at least one active ingredient and/or nutrient to a living creature comprising at least one active ingredient-containing and/or nutrient-containing layer based on crosslinked hydrophilic polymers which comprises = 20% by weight, based on the total amount of crosslinked hydrophilic polymers, of glycerol as plasticizer.
2. The dosage form as claimed in claim 1, characterized in that the active ingredient-containing and/or nutrient-containing layer comprises from 20 to 60% by weight, based on the total amount of crosslinked hydrophilic polymers, of glycerol.
3. The dosage form as claimed in either of claims 1 to 2, characterized in that hydroxypropylmethyl-cellulose was used as hydrophilic polymer.
4. The dosage form as claimed in any of claims 1 to 3, characterized in that a hydrophilic polymer crosslinked in situ is present.
5. The dosage form as claimed in any of claims 1 to 4, characterized in that the hydrophilic polymer has been crosslinked with tannin and/or a crosslinked, optionally partially neutralized polyacrylic acid.
6. The dosage form as claimed in any of claims 1 to 5, characterized in that the active ingredient-containing and/or nutrient-containing layer comprises at least one active pharmaceutical ingredient or one nutrient.

7. The dosage form as claimed in claim 6, characterized in that the active pharmaceutical ingredient is an active ingredient from the group of analgesics, antiallergics, antibiotics, antiemetics, antiseptics, antihistamines, antihypertensives, appetite suppressants, cardiac remedies, chemotherapeutic agents, enzymes, hormones, immunomodulators, inoculations, local anesthetics, psychoactive drugs, spasmolytics, virustatics, vitamins and cytostatics.
8. The dosage form as claimed in claim 6, characterized in that the nutrient is a fertilizer.
9. The dosage form as claimed in any of claims 1 to 5, characterized in that it has one or more layers.
10. The dosage form as claimed in claim 9, characterized in that it has at least one active ingredient-containing and/or nutrient-containing layer, one adhesive layer and/or one covering layer.
11. The dosage form as claimed in claim 10, characterized in that at least one active ingredient-containing and/or nutrient-containing layer has a concentration gradient of the active ingredient and/or of the nutrient.
12. The dosage form as claimed in claim 10, characterized in that the covering layer is impermeable for the active ingredient.
13. The dosage form as claimed in any of claims 1 to 12, characterized in that it is covered by a protective layer before application.

14. The dosage form as claimed in any of claims 1 to 13, characterized in that the living creature is a human or an animal, preferably a human.

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15. The dosage form as claimed in any of claims 1 to 13, characterized in that the surface administration is a transmucosal or transdermal, preferably a transmucosal administration.